

GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model
Run on: March 22, 2004, 01:47:15 ; Search time 62 Seconds
(without alignments)
402.787 Million cell updates/sec

Title: US-10-018-878-9
Perfect score: 45
Sequence: 1 agcaaacattaaacaggctg.....acatattgataatcaaggttc 45

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Maximum Match 0%
Listing first 45 summaries

Database : Issued Patents NA:
1: /cn2_6_ptodata/2/ina/5A_COMB.seq:
2: /cn2_6_ptodata/2/ina/5B_COMB.seq:
3: /cn2_6_ptodata/2/ina/6A_COMB.seq:
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* /cn2_6_ptodata/2/ina/backfile1.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	23.6		52.4	2453	4	US-08-961-527-316	Sequence 316, APP
C 2	21.6		48.0	723	4	US-09-328-3411	Sequence 3411, APP
C 3	21.2		47.1	580073	4	US-08-545-528D-1	Sequence B, APP
C 4	21		46.7	190	3	US-09-060-410-8	Sequence 1, APP
C 5	21		46.7	190	4	US-09-723-458-8	Sequence 8, APP
C 6	21		46.7	614	4	US-09-221-017B-1040	Sequence 1040, APP
C 7	21		46.7	786	4	US-09-328-352-599	Sequence 599, APP
C 8	21		46.7	1521	4	US-09-328-352-1397	Sequence 1397, APP
C 9	21		46.7	2643	4	US-09-486-072-6	Sequence 6, APP
C 10	21		46.7	46819	4	US-09-453-102B-72	Sequence 72, APP
C 11	20.8		46.2	3454	4	US-09-963-137-151	Sequence 151, APP
C 12	20.8		46.2	3454	4	US-09-963-137-178	Sequence 178, APP
C 13	20.8		46.2	1684976	4	US-09-916-421B-1	Sequence 1, APP
C 14	20.8		46.2	1330121	4	US-09-557-884-1	Sequence 1, APP
C 15	20.8		46.2	1330121	4	US-09-643-990A-1	Sequence 1, APP
C 16	20.6		45.8	882	4	US-09-107-532A-1988	Sequence 1988, APP
C 17	20.6		45.8	1696	3	US-09-028-166-1	Sequence 1, APP
C 18	20.6		45.8	1696	4	US-09-715-285-1	Sequence 1, APP
C 19	20.6		45.8	786431	4	US-09-751-389-3	Sequence 3, APP
C 20	20.4		45.3	705	4	US-09-540-336-278	Sequence 278, APP
C 21	20.4		45.3	6703	4	US-09-596-002-7	Sequence 7, APP
C 22	20.4		45.3	1664976	4	US-08-916-421B-1	Sequence 1, APP
C 23	20.2		44.9	466	4	US-09-621-976-10105	Sequence 10105, APP
C 24	20.2		44.9	1647	6	5405943-3	Patent No. 5405943
C 25	20.2		44.9	2147	4	US-09-023-555-1221	Sequence 1221, APP
C 26	20.2		44.9	6948	4	US-09-543-681A-1262	Sequence 1262, APP
C 27	20		44.4	634	3	US-08-998-116-152	Sequence 152, APP

RESULT 1
US-08-961-527-316
/ Sequence 316, Application US/08961527
/ Patent No. 6420135
/ GENERAL INFORMATION:
/ APPLICANT: Charles Kunsch
/ TITLE OF INVENTION: *Streptococcus pneumoniae Polynucleotides and Sequences*
/ NUMBER OF SEQUENCES: 391
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Human Genome Sciences, Inc.
/ STREET: 9410 Key West Avenue
/ CITY: Rockville
/ STATE: Maryland
/ COUNTRY: USA
/ ZIP: 20850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.4MB storage
/ COMPUTER: HP Vectra 486/33
/ OPERATING SYSTEM: MS DOS Version 6.2
/ SOFTWARE: ASCII Text
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/961.527
/ FILING DATE:
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brooks, A. Anders
/ REGISTRATION NUMBER: 36,373
/ REFERENCE/DOCKET NUMBER: PB340P1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (301) 309-8504
/ TELEFAX: (301) 309-8512
/ INFORMATION FOR SEQ ID NO: 316:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2453 base Pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ US-08-961-527-316

Query Match Best Local Similarity 52.4%; Score 23.6%; DB 4; Length 2453;
Matches 29; Conserv 0; Mismatches 9; Indels 0; Gaps 0;

Qy 3 CAACATTAACAGCTGCAATTACTATGATAATCA 40
Db 1315 CAACATTTAACGCTGATAATATGTGATAATCA 1372

RESULT 3
US-09-328-352-3411/C
; Patent No. 6567958
GENERAL INFORMATION
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: GTC9-9-03PA
; CURRENT APPLICATION NUMBER: US/09/328-352
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 3411
; LENGTH: 723
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
US-09-328-352-3411

Query Match 48.0%; Score 21.6; DB 4; Length 723;
Best Local Similarity 68.2%; Pred. No. 24; Indels 0; Gaps 0;
Matches 30; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

Qy 2 GCAACATTAACAGCGGCAATTACATATTATAATGGTTC 45
Db 554 GCTAAATTAAAAGCTTAAGCTGGATAATCGGTTC 511

RESULT 4
US-08-545-528D-1
; Sequence 1, Application US/08545528D
; Patent No. 6537773
GENERAL INFORMATION
; APPLICANT: Fraser et al.
; TITLE OF INVENTION: Nucleotide Sequence of the Mycoplasma Genitalium Genome, Fragment
; Patent No. 6537773
; TITLE OF INVENTION: Thereof, and Uses Thereof
; FILE REFERENCE: PBI139P1
; CURRENT APPLICATION NUMBER: US/08/545-528D
; CURRENT FILING DATE: 1995-10-19
; PRIOR APPLICATION NUMBER: US 08/488,018
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/473,5445
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 580073
; TYPE: DNA
; ORGANISM: Mycoplasma genitalium
US-08-545-528D-1

Query Match 47.1%; Score 21.2; DB 4; Length 580073;
Best Local Similarity 69.0%; Pred. No. 89; Indels 0; Gaps 0;
Matches 29; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Qy 4 AACATTAACAGCGGCAATTACATATTATAATGGTTC 45
Db 67183 AACATAAAATAACGTCTTTTATTCAGCTTC 67224

RESULT 5
US-09-723-458-8
; Sequence 8, Application US/09723458
; Patent No. 6586242
GENERAL INFORMATION
; APPLICANT: Cobb, Melanie Hutchinson, Michele Chen, Zhu
; TITLE OF INVENTION: Thereof, and Methods of Use
; FILE REFERENCE: TAC PROTEIN KINASES AND METHODS OF USE
; NUMBER OF SEQUENCES: 26

TITLE OF INVENTION: TAC PROTEIN KINASES AND METHODS OF USE
NUMBER OF SEQUENCES: THEREFOR
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS MS-DOS
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723-458
; FILING DATE: 27-Nov-1998
; PRIORITY DATA:
; PRIOR APPLICATION NUMBER: <Unknown>
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.

REGISTRATION NUMBER: 31,392
 REFERENCE/DOCKET NUMBER: 860098.421
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 692-6031
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 190 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 8:
 US-09-723-458-8

Query Match 46.7%; Score 21; DB 4; Length 190;
 Best Local Similarity 66.7%; Pred. No. 32;
 Matches 30; Conservative 0; Mismatches 15; Indels 0;
 Gaps 0;

Qy 1 AGCAAAACATTAACAGCGTCAATTACATATTGATAATCGGGTTC 45
 Db 8 AGAAAACATTAAGGCCATGGAAATCAAATTAAAACAGTTTC 52

RESULT 6
 US-09-221-017B-1040/C
 / Sequence 1040, Application US/09221017B
 / Patent No. 644799
 / GENERAL INFORMATION:
 / APPLICANT: Ross, Bruce C.
 / TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
 / NUMBER OF SEQUENCES: 1120
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: MORRISON & FOERSTER
 / STREET: 755 PAGE MILL ROAD
 / CITY: Palo Alto
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 94104-1018
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Diskette
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: Windows
 / SOFTWARE: FastSEQ for Windows Version 2.0b
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/221,017B
 / FILING DATE: 23-DEC-1998
 / CLASSIFICATION:
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PP1182
 / FILING DATE: 31-DEC-1997
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PP1546
 / FILING DATE: 30-JAN-1998
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PP2211
 / FILING DATE: 09-APR-1998
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PCT/AU98/01023
 / FILING DATE: 10-DEC-1998
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Monroe, Gladys H.
 / REGISTRATION NUMBER: 32,430
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 650-813-5600
 / TELEX: 706141
 / INFORMATION FOR SEQ ID NO: 1040:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 614 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: double
 / TOPOLOGY: circular

MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: UNKNOWN
 ORIGINAL SOURCE:
 ORGANISM: *POLYPHYROMONAS GINGIVALIS*
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1...614
 US-09-221-017B-1040

Query Match 46.7%; Score 21; DB 4; Length 614;
 Best Local Similarity 66.7%; Pred. No. 39;
 Matches 30; Conservative 0; Mismatches 15; Indels 0;
 Gaps 0;

Qy 1 AGCAAAACATTAACAGCGTCAATTACATATTGATAATCGGGTTC 45
 Db 369 AGAAAACATTCAGGGTGGAAACATTGTGAGTGTGATTTC 325

RESULT 7
 US-09-328-352-599/C
 / Sequence 599, Application US/09328352
 / Patent No. 6562958
 / GENERAL INFORMATION:
 / APPLICANT: Gary L. Breton et al.
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO *ACINETOBACTER*
 / TITLE OF INVENTION: *BAUDANNII* FOR DIAGNOSTICS AND THERAPEUTICS
 / FILE REFERENCE: GTCS9-03PA
 / CURRENT APPLICATION NUMBER: US/09/328,352
 / CURRENT FILING DATE: 1999-06-04
 / NUMBER OF SEQ ID NOS: 8252
 / SEQ ID NO: 599
 / LENGTH: 786
 / TYPE: DNA
 / ORGANISM: *Acinetobacter baumannii*
 US-09-328-352-599

Query Match 46.7%; Score 21; DB 4; Length 786;
 Best Local Similarity 73.0%; Pred. No. 40;
 Matches 27; Conservative 0; Mismatches 10; Indels 0;
 Gaps 0;

Qy 8 ATTAACACCCGTGCAATTACATATTGATAATCGGGT 44
 Db 341 ACTPAAACGGATCAAGTACATATTGTGATGTCAGGAT 305

RESULT 8
 US-09-328-352-1397/C
 / Sequence 1397, Application US/09328352
 / Patent No. 6562958
 / GENERAL INFORMATION:
 / APPLICANT: Gary L. Breton et al.
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO *ACINETOBACTER*
 / TITLE OF INVENTION: *BAUDANNII* FOR DIAGNOSTICS AND THERAPEUTICS
 / FILE REFERENCE: GTCS9-03PA
 / CURRENT APPLICATION NUMBER: US/09/328,352
 / CURRENT FILING DATE: 1999-06-04
 / NUMBER OF SEQ ID NOS: 8252
 / SEQ ID NO: 1397
 / LENGTH: 1521
 / TYPE: DNA
 / ORGANISM: *Acinetobacter baumannii*
 US-09-328-352-1397

Query Match 46.7%; Score 21; DB 4; Length 1521;
 Best Local Similarity 66.7%; Pred. No. 44;
 Matches 30; Conservative 0; Mismatches 15; Indels 0;
 Gaps 0;

Qy 1 AGCAAAACATTAACAGCGTCAATTACATATTGATAATCGGGTTC 45
 Db 1032 AGCCAAGTATAATCGGTAAATTGCGATGGATTCCGACTC 988

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RESULT 9
US-09-486-072-6/c
; Sequence 6, Application US/09436072
; Patent No. 6489155
; GENERAL INFORMATION:
; APPLICANT: Masanori TAKAYAMA, et al.
; TITLE OF INVENTION: GENES
; FILE REFERENCE: 112 02/1
; CURRENT APPLICATION NUMBER: US/09/486,072
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/JP98/02310
; PRIOR FILING DATE: 1998-05-26
; PRIOR APPLICATION NUMBER: JP5252624/97
; PRIOR FILING DATE: 1997-09-03
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO: 6
; LENGTH: 2643
; TYPE: DNA
; ORGANISM: Bacteria
US-09-486-072-6

Query Match 46.7%; Score 21; DB 4; Length 2643;
Best Local Similarity 73.0%; Pred. No. 48; Indels 0; Gaps 0;
Matches 27; Conservative 0; Mismatches 0; Gaps 0;

STRANDEDNESS: double
TOPOLOGY: Linear
MOLECULE TYPE: DNA (Genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-09-453-702B-72

Query Match 46.7%; Score 21; DB 4; Length 46819;
Best Local Similarity 73.0%; Pred. No. 75; Indels 0; Gaps 0;
Matches 27; Conservative 0; Mismatches 10; Gaps 0;

Qy 6 ACATTAAACAGCGTGCATTACATATTGATAATCAGG 42
Db 42743 ACRATTAACCTGGGAATCAGATAAGAGACTAGG 42707

RESULT 11
US-09-963-137-151/c
; Sequence 11, Application US/09963137
; Patent No. 6596036
; GENERAL INFORMATION:
; APPLICANT: Pedersen, Finn S
; APPLICANT: Sorensen, Annette B
; APPLICANT: Hernandez, Javier Martin
; APPLICANT: Nielsen, Anne A
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR LYMPHOMA AND LEUKEMIA
; CURRENT APPLICATION NUMBER: US/09/963,137
; FILE REFERENCE: A-70981/RMS/DCF
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 09/968,644
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 09/963,390
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 09/905,191
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 09/962,329
; PRIOR FILING DATE: 2000-09-24
; PRIOR APPLICATION NUMBER: US 09/905,191
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 09/962,854
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 09/962,916
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 09/962,855
; PRIOR FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 215
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 151
; LENGTH: 3454
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-963-137-151

Query Match 46.2%; Score 20.8; DB 4; Length 3454;
Best Local Similarity 70.0%; Pred. No. 60; Indels 0; Gaps 0;
Matches 28; Conservative 0; Mismatches 12; Gaps 0;

Qy 5 AACATTAACAGCGTGCATTACATATTGATAATCAGGTT 44
Db 1574 ACCATTCACCATCTGCAGGACATATGTGTCTAGCT 1535

RESULT 12
US-09-963-137-178/c
; Sequence 12, Application US/09963137
; Patent No. 6596036
; GENERAL INFORMATION:
; APPLICANT: Pedersen, Finn S
; APPLICANT: Sorensen, Annette B
; APPLICANT: Hernandez, Javier Martin
; APPLICANT: Nielsen, Anne A
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR LYMPHOMA AND LEUKEMIA
; FILE REFERENCE: A-70981/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/963,137

Computer readable form
MEDIUM TYPE: Diskette, 3.50 inch, 1.44Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/453,702B
FILING DATE: 03-Dec-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/110,955
FILING DATE: 04-DEC-1998
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27386
REFERENCE/DOCKET NUMBER: 960296-95017
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 251-5000
TELEFAX: (608) 251-9166
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 46819
TYPE: nucleic acid

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CURRENT FILING DATE: 2001-09-24
 PRIORITY APPLICATION NUMBER: US 09/668,644
 PRIOR FILING DATE: 2000-09-02
 PRIORITY APPLICATION NUMBER: US 09/905,390
 PRIOR FILING DATE: 2001-07-13
 PRIORITY APPLICATION NUMBER: US 09/905,491
 PRIOR FILING DATE: 2001-07-13
 PRIORITY APPLICATION NUMBER: US 09/962,929
 PRIOR FILING DATE: 2001-09-24
 PRIORITY APPLICATION NUMBER: US 09/962,854
 PRIOR FILING DATE: 2001-09-24
 PRIORITY APPLICATION NUMBER: US 09/962,916
 PRIOR FILING DATE: 2001-09-24
 PRIORITY APPLICATION NUMBER: US 09/962,855
 NUMBER OF SEQ ID NOS: 215
 SEQ ID NO: 178
 LENGTH: 3454
 SOFTWARE: PatentIn version 3.1
 TYPE: DNA
 ORGANISM: Mus musculus
 US-09-963-137-178

Query Match Similarity 46.2%; Score 20.8; DB 4; Length 3454;
 Best Local Similarity 70.0%; Pred. Nc: 60;
 Matches 28; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 5 AACATTAAACAGCTGCATTACATATGATAATCAGT 44
 Db 1574 ACCATTACACCATCTGCAGGGACATATGGTGTGTCATGCT 1535

RESULT 13
 US-08-916-421B-1/C
 Sequence 1, Application US/08916421B
 Patent No. 6503729
 GENERAL INFORMATION:
 APPLICANT: Built et al.
 TITLE OF INVENTION: Complete Genome Sequence of the Methanogenic Archaeon, Methanococcus jannaschii
 Patient No. 6503729
 TITLE OF INVENTION: jannaschii
 FILE REFERENCE: PB2/5
 CURRENT APPLICATION NUMBER: US/08/916,421B
 CURRENT FILING DATE: 1997-08-22
 PRIOR APPLICATION NUMBER: US 60/024,428
 PRIOR FILING DATE: 1996-08-22
 NUMBER OF SEQ ID NOS: 3
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 1
 LENGTH: 1664976
 TYPE: DNA
 ORGANISM: Methanococcus jannaschii
 FEATURE:

NAME/KEY: misc feature
 LOCATION: (28822) .. (28822)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (28857) .. (28858)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (8473) .. (8473)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (84608) .. (84608)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (84812) .. (84812)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (98120) .. (98120)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (98159) .. (98159)

STATE: MD COUNTRY: USA
ZIP: 20850 COMPUTER READABLE FORM:
MEDIUM TYPE: 3 1/2 inch diskette
COMPUTER: Dell Pentium
OPERATING SYSTEM: MS DOS v6.22
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/643,990A
FILING DATE: 23-AUG-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/487,429
FILING DATE: 1995-06-07
APPLICATION NUMBER: 08/426,787
FILING DATE: 1995-04-21
ATTORNEY/AGENT INFORMATION:
NAME: Kenley K. Hoover
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: PBI.86P1C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-610-5790
TELEFAX: 310-309-8439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1830121 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-643-990A-1

Query Match: 46.2%; Score 20.8; DB 4; Length 1830121;
Best Local Similarity 70.0%; Prd. No. 1.2e+02;
Matches 28; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
Qy 5 AACATTAAACAGGTGCAATTACATATTGATAATCAGTT 44
Db 784657 AACGTTATATCGGTGCCAACATTTGAATCACTT 784696

Search completed: March 22, 2004, 04:12:34
Job time : 89 secs

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OM nucleic - nucleic search, using sw model
Run on: March 22, 2004, 03:57:11 ; Search time 1651 Seconds
(without alignments)
100.825 Million cell updates/sec

Title: US-10-018-878-9
Perfect score: 45
Sequence: 1 agccaaacattaaacaggctg.....acatattgtataatcaggttc 45

Scoring table: IDENTPY_NUC
Gapext 1.0 , Gapext 1.0
Searched: 2438257 sees, 1849576744 residues
Total number of hits satisfying chosen parameters: 4876514

Minimum DB seq length: 0
Maximum DB seq length: 20000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:
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 3: /cgn2_6/ptodata/2/pubna/us06_PUBCOMB.seq:
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 7: /cgn2_6/ptodata/2/pubna/us08_PUBCOMB.seq:
 8: /cgn2_6/ptodata/2/pubna/us08_PUBCOMB.seq:
 9: /cgn2_6/ptodata/2/pubna/us09_PUBCOMB.seq:
 10: /cgn2_6/ptodata/2/pubna/us09_PUBCOMB.seq:
 11: /cgn2_6/ptodata/2/pubna/us09_PUBCOMB.seq:
 12: /cgn2_6/ptodata/2/pubna/us10_PUBCOMB.seq:
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 15: /cgn2_6/ptodata/2/pubna/us10_NEW_PUB.seq:
 16: /cgn2_6/ptodata/2/pubna/us10_NEW_PUB.seq:
 17: /cgn2_6/ptodata/2/pubna/us60_PUBCOMB.seq:
 18: /cgn2_6/ptodata/2/pubna/us60_PUBCOMB.seq:
 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

ALIGNMENTS

RESULT 1
US-09-345-492-9
; Sequence 9, Application US/09345492
; Patent No. US20020128457A1
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, DAVID A.
; INVENTOR: LIU, LIN
; ATTORNEY: PODKOVYROV, SERGEY
; ATTORNEY: WANG, BAGMIN
; TITLE OF INVENTION: VECTORS, CELLS AND PROCESSES FOR PYRIMIDINE NUCLEOTIDES PRODUCTION
; TITLE OF INVENTION: PEONYRIBONUCLEOSIDES PRODUCTION
; FILE REFERENCE: 28460/123
; CURRENT APPLICATION NUMBER: US/09/345,492
; CURRENT FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 9
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-345-492-9

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	45	100.0	45	US-09-345-492-9
C 2	24	53.3	421	Sequence 9, Appli Sequence 127515, A Sequence 55144, A
C 3	23.8	52.9	754	Sequence 55144, A Sequence 110-42-599-55144
C 4	23.8	52.9	193357	Sequence 110-42-599-55144
C 5	23.6	52.4	2453	US-10-085-117142
C 6	23.4	52.0	580	US-10-15-844-316
C 7	23.4	52.0	2000	Sequence 316, App Sequence 12215, A
C 8	23.4	52.0	2000	Sequence 3804, Ap Sequence 3804, Ap
C 9	23	51.1	771	Sequence 129, App Sequence 5, Appli
C 10	22	51.1	183337	Sequence 5, Appli Sequence 6062, Ap
C 11	22.6	50.2	447	US-10-032-141-5
C 12	22.4	49.8	288	Sequence 6062, Ap Sequence 12076,
C 13	22.4	49.8	637	Sequence 238109, Sequence 238110, Sequence 238110, Sequence 148927,
C 14	22.4	49.8	637	Sequence 238110, Sequence 148927,
C 15	22	49.8	814	Sequence 238110, Sequence 148927,

RESULT 2
US-10-424-599-127515/C
; Sequence 127515, Application US/10424599
; Publication No. US2004031072A1
; GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yinhua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO: 127515
 LENGTH: 421
 TYPE: DNA
 ORGANISM: Glycine max
 OTHER INFORMATION: Clone ID: PAT_MRT3847_86150C.1

US-10-424-599-127515

RESULT 3
 US-10-424-599-55144/C
 Sequence 55144, Application US/10424599
 GENERAL INFORMATION
 Publication No. US2004031072A1
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO: 55144
 LENGTH: 754
 TYPE: DNA
 ORGANISM: Glycine max
 OTHER INFORMATION: Clone ID: PAT_MRT3847_20806C.1

US-10-424-599-55144

Query Match 52.9%; Score 23.8; DB 12; Length 754;
 Best Local Similarity 72.1%; Pred. No. 1.e+02;
 Matches 31; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 2 GCAACATTAACAGCGCAATTACATAATTGATAATGAGTT 44
 Db 735 GAAATAAACGACAATTGAGTATTGCTT 693

Query Match 52.9%; Score 23.8; DB 12; Length 754;
 Best Local Similarity 72.1%; Pred. No. 4.5e+02;
 Matches 31; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 1 AGCAAAATTAACAGCGCAATTACATAATTGATAATGAGTT 43
 Db 186434 ATCACCCCTATAAGGTGCATCACATTGGATCAAAGGT 186392

RESULT 5
 US-10-158-844-316
 Sequence 316, Application US/10158844
 Publication No. US2004029118A1
 GENERAL INFORMATION
 APPLICANT: Kunsch et al.
 TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
 NUMBER OF SEQUENCES: 391
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Human Genome Sciences, Inc.
 STREET: 9410 Key West Avenue
 CITY: Rockville
 STATE: Maryland
 ZIP: 20850
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD-R
 COMPUTER: Dell Latitude Pentium 3
 OPERATING SYSTEM: Windows 98
 SOFTWARE: ASCII Text
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/158,844
 FILING DATE: 03-Jun-2002
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/961,527
 FILING DATE: 1997-10-30
 APPLICATION NUMBER: US 60/029,950
 FILING DATE: 1996-10-31
 ATTORNEY/AGENT INFORMATION:
 NAME: Human, Mark J.
 REGISTRATION NUMBER: 46,789
 REFERENCE/DOCKET NUMBER: PB340P1D1
 INFORMATION FOR SEQ ID NO: 316:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2453 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 316:
 US-10-158-844-316

Query Match 52.4%; Score 23.6; DB 12; Length 2453;
 Best Local Similarity 76.3%; Pred. No. 1.e+02;
 Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 3 CAAAGATTAAACAGCGCAATTACATAATTGATAATGAGTT 40
 Db 1335 CAAACATTAAAGGTATAATATTGTTGATATAATGTTGATCA 1372

RESULT 6
 US-10-424-599-12215/C
 Sequence 12215, Application US/10424599
 Publication No. US2004031072A1
 GENERAL INFORMATION:
 APPLICANT: Morris, David W.
 APPLICANT: Engelhard, Eric K.
 TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
 FILE REFERENCE: 529412000121
 CURRENT APPLICATION NUMBER: US/10/085,117
 CURRENT FILING DATE: 2003-02-27
 PRIOR APPLICATION NUMBER: US 09/798,586
 PRIOR FILING DATE: 2001-03-02
 NUMBER OF SEQ ID NOS: 361

APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21153223.B
 CURRENT APPLICATION NUMBER: US 10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 12215
 LENGTH: 580
 TYPE: DNA
 ORGANISM: Glycine max
 FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT3847_111038C.1
 US-10-424-599-12215

Query Match 52.0%; Score 23.4; DB 12; Length 580;
 Best Local Similarity 73.2%; Pred. No. 1.4e+12;
 Matches 30; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 5 AACATTAACACGGTAAATCATATTGATAATCGGTC 45
 Db 81 AACTCTAAATGATCGGTATCACATTGATAATCAATC 41

RESULT 7
 US-09-938-842A-3804/C
 Sequence 3804, Application US/09938842A
 Patent No. US2002016037A1
 GENERAL INFORMATION:
 APPLICANT: Harper, Jeff
 APPLICANT: Kreps, Joel
 APPLICANT: Wang, Xun
 APPLICANT: Zhu, Tong
 TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 FILE REFERENCE: Sкрипка 3
 CURRENT FILING DATE: 2001-08-24
 PRIOR APPLICATION NUMBER: US 60/227,866
 PRIOR FILING DATE: 2000-08-24
 PRIOR APPLICATION NUMBER: US 60/264,647
 PRIOR FILING DATE: 2001-01-16
 PRIOR APPLICATION NUMBER: US 60/300,111
 NUMBER OF SEQ ID NOS: 5379
 SEQ ID NO 3804
 LENGTH: 2000
 TYPE: DNA
 ORGANISM: Arabidopsis thaliana
 US-09-938-842A-3804

Query Match 52.0%; Score 23.4; DB 9; Length 2000;
 Best Local Similarity 73.2%; Pred. No. 1.9e+02;
 Matches 30; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 3 CAACATTAACACGGTAAATCATATTGATAATCGGTC 43
 Db 468 CAAGTATTATCATGTAGATTACATCTCATATTAGTT 428

RESULT 8
 US-09-938-842A-3804/C
 Sequence 3804, Application US/09938842A
 Publication No. US20040009476A9
 GENERAL INFORMATION:
 APPLICANT: Harper, Jeff
 APPLICANT: Kreps, Joel
 APPLICANT: Wang, Xun
 APPLICANT: Zhu, Tong
 TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 FILE OF INVENTION: SAME, AND METHODS OF USE

PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/1146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 315720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 238110
LENGTH: 637
TYPE: DNA
ORGANISM: Human
US-10-027-632-238110

Query Match Score 22.4; DB 15; Length 637;
Best Local Similarity 72.5%; Pred. No. 3.2e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
Qy 4 AAACATTAACAGCGTGCATTATAATGATAATCAGGT 43
Db 13 AAACATTACCAAGCTCCATTATAATTATAAGAT 52

RESULT 15
US-10-027-632-148927
Sequence 148927, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108327.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2005-04-30
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/155,358
PRIOR FILING DATE: 1999-03-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 148927
LENGTH: 814
TYPE: DNA
ORGANISM: Human
US-10-027-632-148927

Query Match Score 22.4; DB 15; Length 814;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
Qy 8 ATTAAACAGCGTGCATTACATATGATAATC 39
Db 123 AATAAGAAGCTGCATTACATTGAAATC 154

Search completed: March 22, 2004, 05:34:39
Job time : 1666 secs